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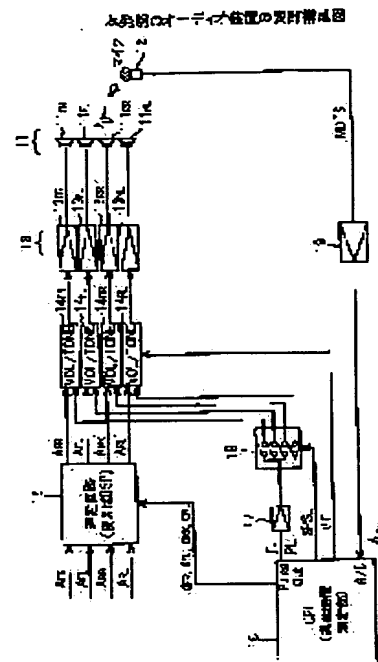
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(54) DELAY MEASUREMENT DEVICE AND AUDIO UNIT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a delay measurement device that can measure a delay from a speaker to a listening point by one measurement and deliver sound from each speaker to the listening point accurately at the same time.

SOLUTION: A delay measurement section (CPU) 16 inputs a pulse signal PL to a speaker 11 and the speaker sounds sound in response to the pulse in space. A microphone 12 placed at the listening point detects the sound radiated from the speaker and gives it to a delay measurement section. A delay measurement section 16 measures a time from a pulse signal generating time until first positive and negative peaks from the microphone detection signal and selects a midpoint time between the positive and negative peak detection times for the delay from the speaker to the audio listening point.



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